No. 13th & 13R:000048/23-24 Original/Duplicate/Triplicate
RA bill 08/9/2023
CONTRACT CERTIFICATE
(For Other Works)

13R:000048/23-24
08/9/2023

Division: **Electrical (Dasarahalli)** **JOB NO :012-22-000004** Sub-Division: **Electricals**
Head of Account : P0300 M & R to street lights-Replacement of burnt bulbs etc
Bill Received No. Dated Book Voucher No..... Dated...
Schedule Docket Name of Work :- Annual Maintenance of street lights package D-1 in Kammagondanhalli Surrounding Area ward no 12
Bill Period:01.08.2023 to 31.08.2023(1 Months)
Name of Contractor and Full Address:- M/s. CHIKKANNA G(CHETHAN ELECTRICALS)
Reference to Agreement No:- EE/Ele/DZ/TEND/AG/000009/21-22 Date:31.03.2022
Reference to Work order No:- EE/Ele/DZ/TEND/WO/000001/22--23 Date:04.04.2022
Reference to Supplementatry Agreement No: EE/Ele/DZ/TEND/SAG/21/22-23 Date:24.03.2023
Reference to Supplementatry Work order No:- EE/Ele/DZ/TEND/SWO/27/22--23 Date:24.03.2023

Certified that the measurements were taken by me on 04/9/2023 and recorded of Pages 689778 to 689782 of measurement Book No. 6898 And that the work is satisfactorily executed.

Contractor

Officer-in-charge of work
Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike
Dasarahalli Zone, Bengaluru

Certified that the measurement were taken by me on 05/9/2023 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment **Sub-Division Officer**

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bengalore

1) Total value of work done or supplies made as per account within	upto bill	4101885=00
2) Deduct amount to be held in reserve being ..... percent Rs.....	Previous	3888220=00
3) " Balance	Present	213165=00
4) Deduct Payment:	TWD	20702=00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	IT	2071=00
	CGST	2071=00
	SGST	2071=00
b) Payments cost store or other material supplied. Now made recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	LWC	2071=00
	CBF	2071=00
	Fine	1800=00
	Scrap	4263=00
5) Balance being unpaid value of work done held in reserve.		14554=00
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments. un adjustments items.	Security	
7) Net amount due to or from Contractor	cheque amt	198611=00
8) Advance to Contractor for materials brought to site (as detailed) within. Value of Government materials supplied.		
Total amount adjusted -		

Contractor's Signature

Received Rs..... (in words)
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands).....

Witness
1.
2.
Dated Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

Audited and admitted for Rs. 213165/-
Passed by Cheque for Rs. 198611/-
One lakh ninty Eight thousand Six hundred Eleven only
(For use in the Office)
by adjustment Rs. 14554/-

Accounts Superintendent Exe. Engineer (Elo)

B.B.M.P. Dasarahalli Division

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Sl. No.	Description of item	Unit
	Name of work:- Annual Maintenance of street lights package D-1 in Kammagondanhalli Surrounding Area ward no 12	
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 36/40 W fluorescent tube light street lighting system.	Each
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 125W HPMV Park lighting system.	Nos
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed belowPoles with 250W HPSV street lighting system.	Each
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 400 watts HPSV street light /High mast lighting system.	Each
5	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park/ street lighting system.	Each
6	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 65 W LED street Light lighting system.	Each
7	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 90W LED street light lighting system.	Each

Previous Measurement		Present Measurement				Total Upto Date		Remarks
Qty.	Cost	Qty.		Rate Rs. P.	Amount	Qty	Cost	
				1 Months		Upto Date paid so for X 17months		
320X16Months	18278.40	20	685.45/12=57.12	57.12	1142.40	320X17Months	19420.80	
22X16Months	22183.04	22	756.29/12=63.02	63.02	1386.44	22X17Months	23569.48	
1780X16Months	2419376.00	1780	1019.4/12=84.95	84.95	151211.00	1780X17Months	2570587.00	
80X16Months	119257.60	80	1118.08/12=93.17	93.17	7453.60	80X17Months	126711.20	
4X16Months	4693.12	4	880.01/12=73.33	73.33	293.32	4X17Months	4986.44	
350X16Months	535416.00	350	1147.43/12=95.61	95.61	33463.50	350X17Months	568879.50	
90X16Months	165312.00	90	1377.66/12=114.80	114.80	10332.00	90X17Months	175644.00	

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(Works)

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8	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for110/120 watt LED street light lighting system	Nos	0	0.00	0	0.00	0.00	0.00	0	0.00	
9	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 150/180 watt LED street light /High mast lighting system.	Nos	0	0.00	0	0.00	0.00	0.00	0	0.00	
10	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility.300mmx450mmx214mm	Each	10	51270.00	0	0.00	5127.00	0.00	10	51270.00	
11	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947 100 to 125Amps	Each	36	259200.00	0	0.00	7200.00	0.00	36	259200.00	
12	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.50-63 Amps SP	Each	40	28920.00	0	0.00	723.00	0.00	40	28920.00	
13	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each	38	153140.00	0	0.00	4030.00	0.00	38	153140.00	
14	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.6 sqmm	Mtr	17	1190.00	0	0.00	70.00	0.00	17	1190.00	
15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.6 sqmm	Each	180	1260.00	0	0.00	7.00	0.00	180	1260.00	
	Sub Total			3705594.55				205282.26		3886242.94	
	Add GST 18%			182625.53	-12%	24633.87		180648.39		215142.24	
	Total			3888220.08	18%	32516.71		213165.10		4101385.18	
	Fine imposed for non burning of street lights For the period of 01.08.2023 to 31.08.2023 and GPS time violation Penalty for the present bill			32800.00				1800.00		34600.00	
	As per street light agreement clause 2 % will be deducted in monthly maintenance bill against the released scrap material			66380.06				4263.30		70643.36	
	GRAND TOTAL			3789040.02				207101.80		3996141.82	

Certificate

1 The above said monthly maintenance work has been carriedout satisfactorily

2 The Amount Claimed in ~~this~~ ~~the Revised~~ bill has not been claimed in any of the previous bill

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike
Dasarahalli Zone, Bengaluru

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

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